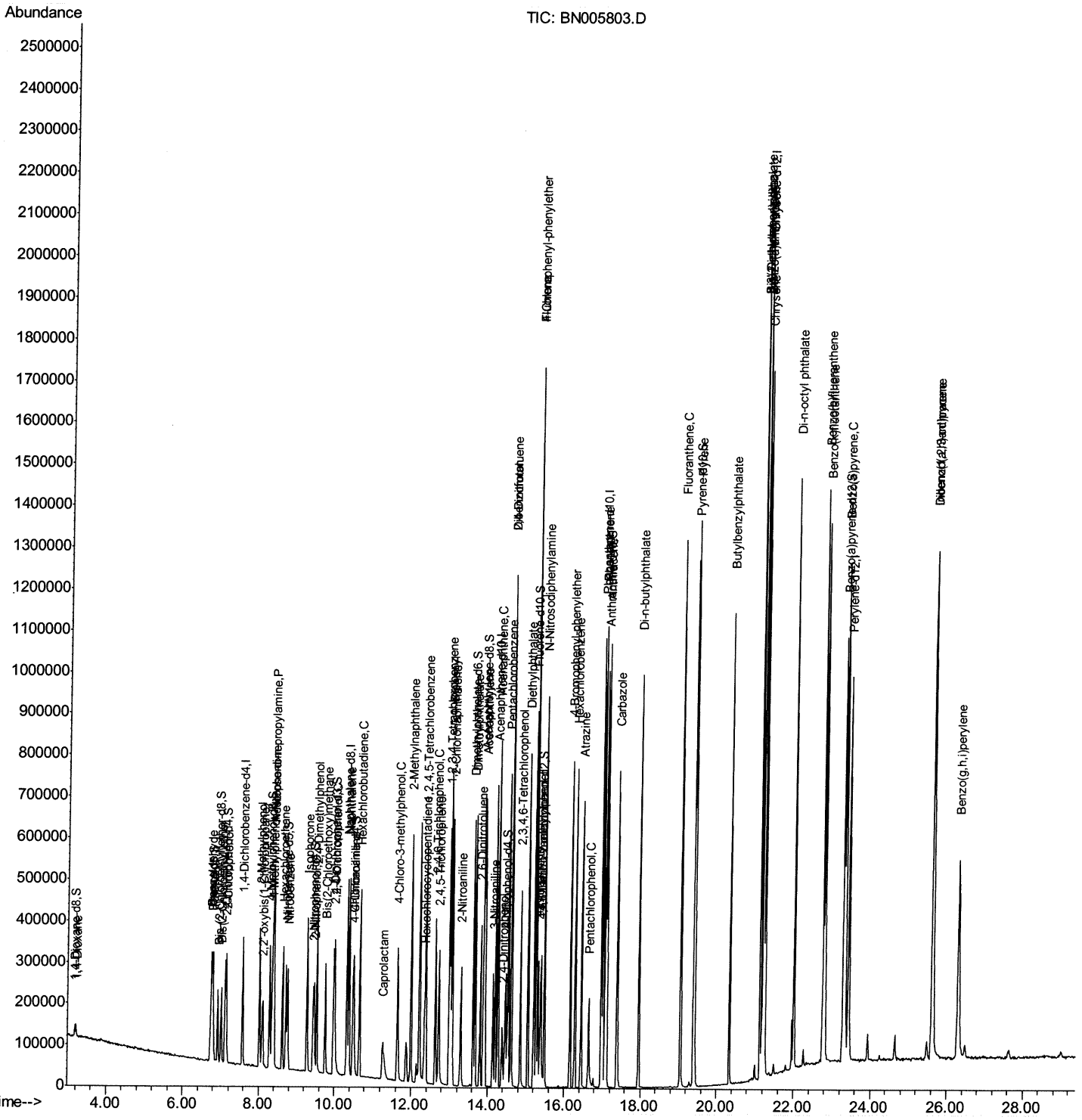
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052019\
Data File : BN005803.D
Acq On : 20 May 2019 17:24
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 21 04:06:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 03:29:48 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02086

Manual Integrations APPROVED
mohammad
5/21/2019 3:27:30 PM



Quantitation Report (Qedit)

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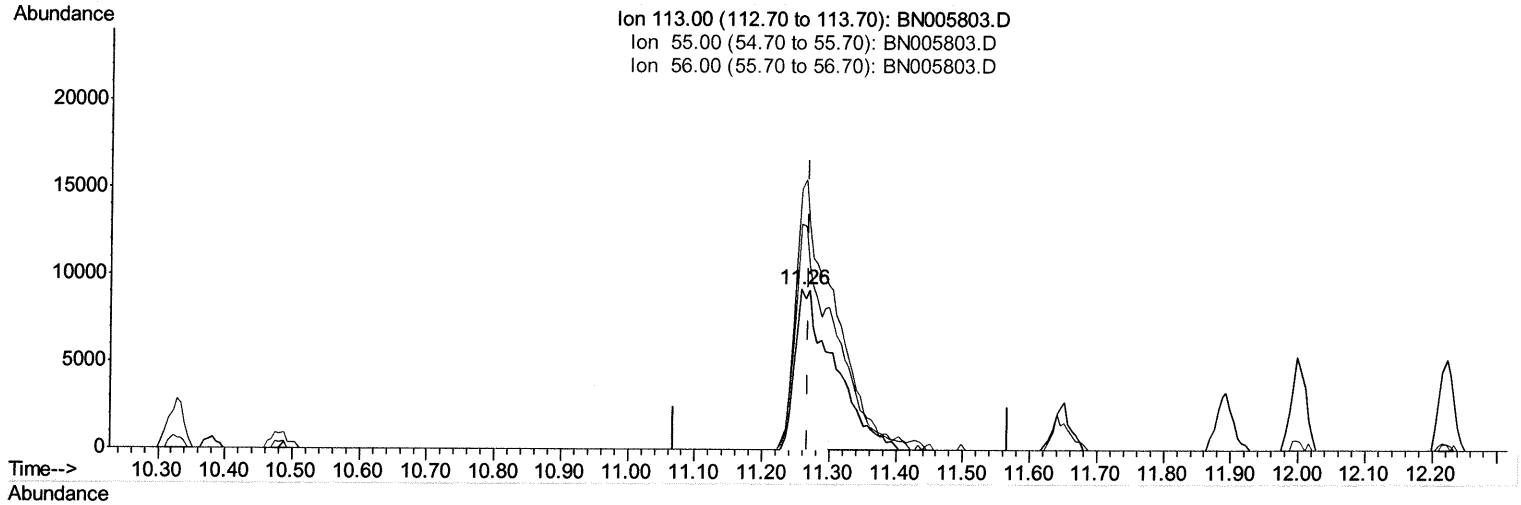
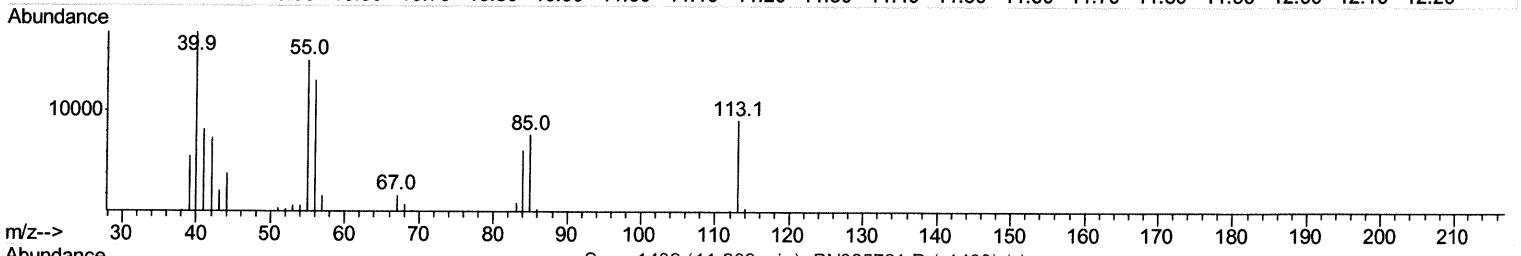
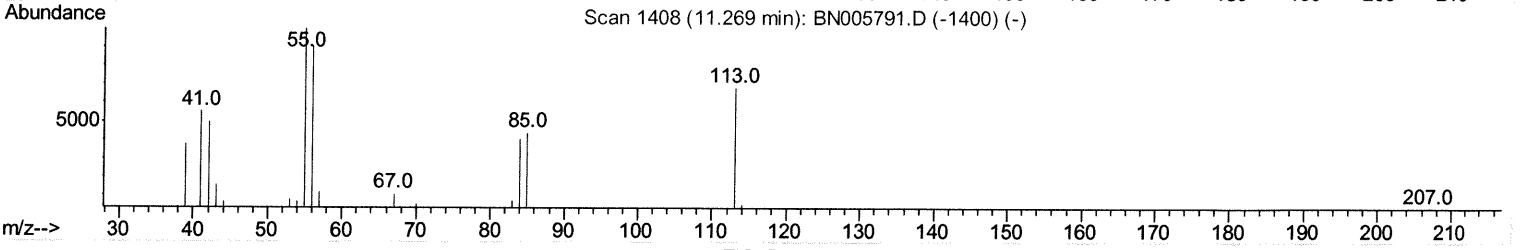




Scan 1408 (11.269 min): BN005791.D (-1400) (-)



TIC: BN005803.D

(32) Caprolactam

11.257min (-0.011) 12.07ng/ul

response 25243

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	162.58
56.00	148.90	140.77
0.00	0.00	0.00

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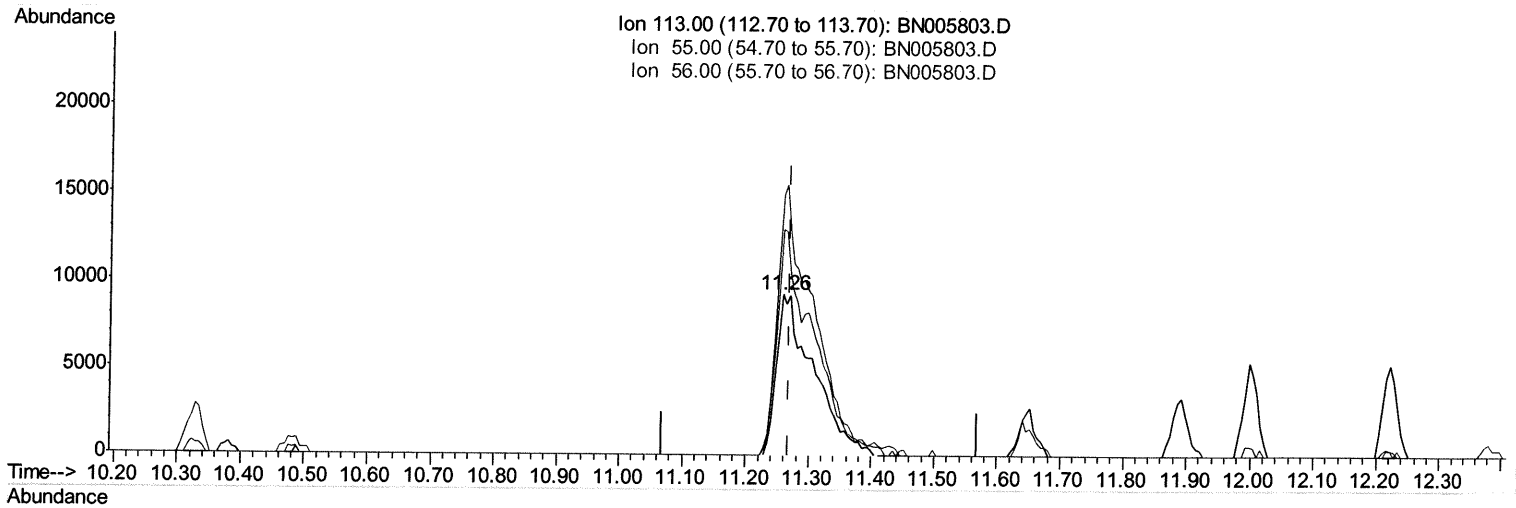

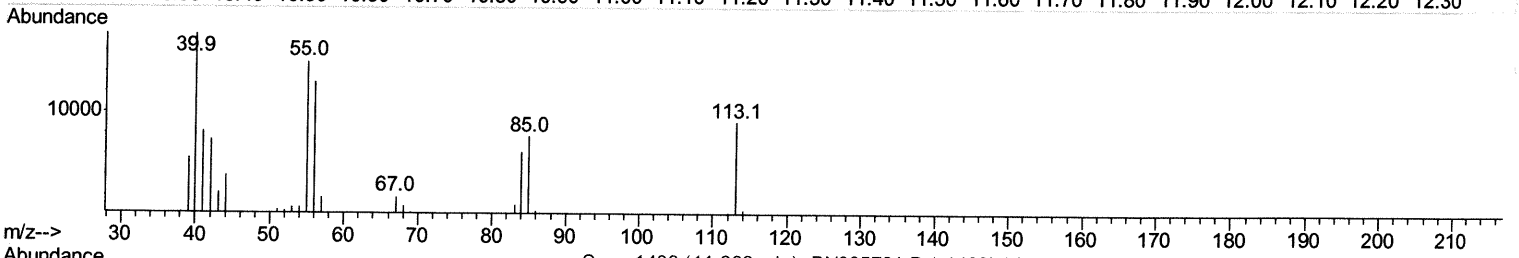

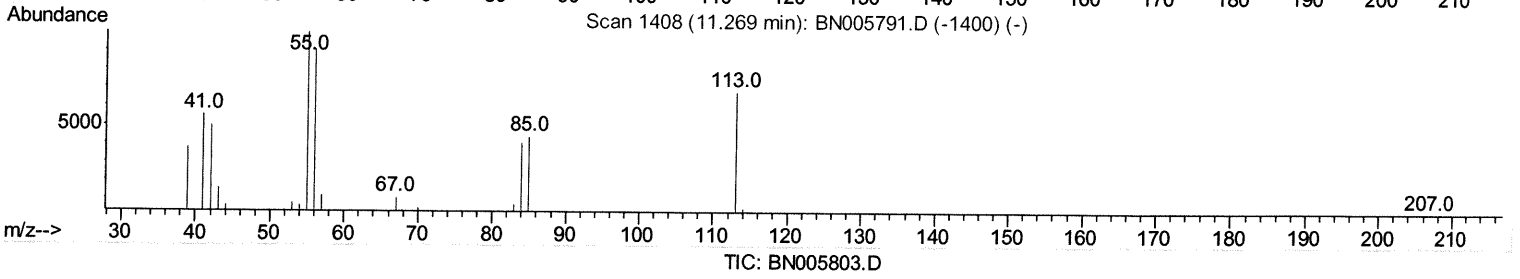

TIC: BN005803.D

(32) Caprolactam

11.257min (-0.011) 18.25ng/ul m JU 05|22|19

response 38165

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	162.58
56.00	148.90	140.77
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	87263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	370730	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	252237	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	634775	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	705507	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	765004	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	14249	9.14	ng/uL	0.00
5) Phenol-d5	6.76	99	132468	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	73514	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	114851	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	111070	19.26	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	55724	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	62721	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	127362	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	132315	20.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	419760	21.63	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	515528	21.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	44924	16.43	ng/ul	0.00
57) Fluorene-d10	15.21	176	364858	21.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	63010	16.51	ng/ul	-0.01
70) Anthracene-d10	17.07	188	607411	22.15	ng/ul	0.00
78) Pyrene-d10	19.38	212	723132	20.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	761510	22.19	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	15267	9.304	ng/uL	92
4) Benzaldehyde	6.73	77	96024	19.670	ng/ul	97
6) Phenol	6.79	94	136268	19.822	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	102800	20.406	ng/ul	92
10) 2-Chlorophenol	7.14	128	115694	21.068	ng/ul	94
11) 2-Methylphenol	8.02	108	107197	19.639	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	131107	19.792	ng/ul#	90
14) Acetophenone	8.38	105	187274	20.282	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	85324	19.137	ng/ul#	93
16) 4-Methylphenol	8.35	108	117287	19.523	ng/ul	98
17) Hexachloroethane	8.62	117	51410	21.818	ng/ul#	80
20) Nitrobenzene	8.76	77	137424	22.091	ng/ul	97
21) Isophorone	9.27	82	253998	20.479	ng/ul	96
23) 2-Nitrophenol	9.46	139	66904	20.681	ng/ul	95
24) 2,4-Dimethylphenol	9.53	107	141014	21.108	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	144086	20.545	ng/ul	100
27) 2,4-Dichlorophenol	10.00	162	124683	21.851	ng/ul	96
28) Naphthalene	10.37	128	386578	21.829	ng/ul	100
30) 4-Chloroaniline	10.50	127	134648	20.218	ng/ul	97
31) Hexachlorobutadiene	10.66	225	99265	23.850	ng/ul	96
32) Caprolactam	11.26	113	38165m	18.254	ng/ul	94
33) 4-Chloro-3-methylphenol	11.65	107	130466	20.214	ng/ul	94
34) 2-Methylnaphthalene	12.00	142	290840	21.265	ng/ul	100

JU 05/22/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	191343	23.562 ng/ul	96
37) Hexachlorocyclopentadiene	12.35	237	62399	24.654 ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	110483	21.978 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	114744	21.729 ng/ul	96
40) 1,1'-Biphenyl	13.03	154	412210	22.474 ng/ul#	98
41) 2-Chloronaphthalene	13.07	162	321463	22.190 ng/ul	96
42) 2-Nitroaniline	13.30	65	81495	19.515 ng/ul	98
44) Dimethylphthalate	13.67	163	414045	21.638 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	81028	20.095 ng/ul	96
47) Acenaphthylene	13.93	152	496593	21.869 ng/ul	98
48) 3-Nitroaniline	14.14	138	67697	19.054 ng/ul	94
49) Acenaphthene	14.27	153	335094	21.779 ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	45642	21.998 ng/ul	92
52) 4-Nitrophenol	14.47	109	48124	18.847 ng/ul	84
53) Dibenzofuran	14.61	168	508177	22.262 ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	125361	20.747 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.85	232	106692	21.759 ng/ul	90
56) Diethylphthalate	15.05	149	414116	21.383 ng/ul	97
58) Fluorene	15.26	166	411816	22.179 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	232455	22.948 ng/ul	95
60) 4-Nitroaniline	15.31	138	74532	18.817 ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.39	198	65637	17.173 ng/ul#	95
64) N-Nitrosodiphenylamine	15.48	169	354161	21.558 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	152027	22.871 ng/ul	96
66) Hexachlorobenzene	16.28	284	173912	23.322 ng/ul#	92
67) Atrazine	16.45	200	140921	20.443 ng/ul	99
68) Pentachlorophenol	16.64	266	59913	17.414 ng/ul	99
69) Phenanthrene	17.01	178	685674	21.791 ng/ul	99
71) Anthracene	17.10	178	711604	22.211 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	200918	23.610 ng/uL	97
73) Pentachlorobenzene	14.53	250	192477	22.932 ng/uL	99
74) Carbazole	17.39	167	607151	21.495 ng/ul	99
75) Di-n-butylphthalate	17.95	149	696516	20.643 ng/ul	99
76) Fluoranthene	19.05	202	877077	22.546 ng/ul#	90
79) Pyrene	19.42	202	914745	21.114 ng/ul#	88
80) Butylbenzylphthalate	20.33	149	315486	17.775 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.13	252	259133	17.486 ng/ul#	97
82) Benzo(a)anthracene	21.19	228	969761	21.819 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	482990	19.179 ng/ul#	96
84) Chrysene	21.24	228	920767	21.975 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	877367	21.495 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	953461	22.655 ng/ul#	96
88) Benzo(k)fluoranthene	22.81	252	976172	23.972 ng/ul#	97
90) Benzo(a)pyrene	23.33	252	916107	22.479 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.62	276	913538	18.335 ng/ul#	91
92) Dibenzo(a,h)anthracene	25.63	278	784171	18.697 ng/ul#	92
93) Benzo(g,h,i)perylene	26.30	276	725342	17.415 ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed